

CHAPTER 2
REINFORCEMENT**BLM 2-2**

Relating Diffusion to the Particle Theory

Goal • Use this page to review your knowledge of diffusion.

What to Do

- Answer the questions as instructed in Parts A and B.

Part A

Use the word list to fill in the blanks in the sentences below. You may need to use words more than once.

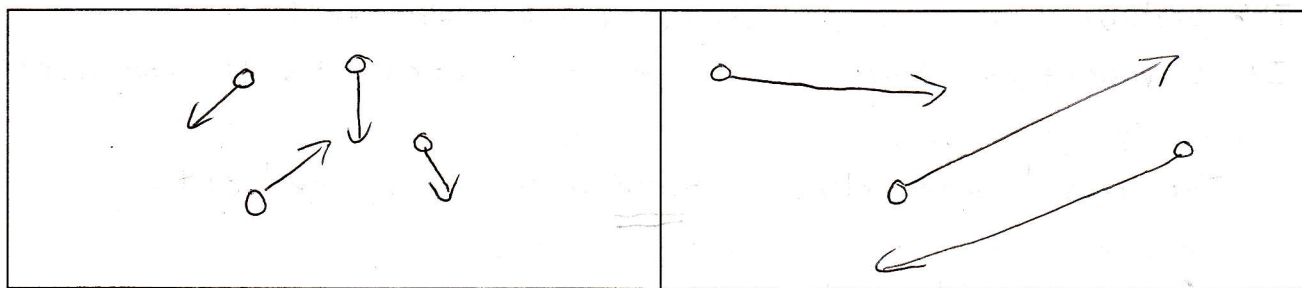
Word List

particles high moving slowly
vibrate faster low

- All matter is made up of particles.
- Particles that make up matter are never still. They are always moving.
- In a solid substance, particles may vibrate but remain in a fixed position.
- Particles in a liquid move faster than the particles in a solid.
- When a liquid is cooled, its particles move more slowly.
- Diffusion is the movement of particles from a region of high concentration to a region of low concentration.

Part B

In the boxes below, draw what you think particles would look like in a liquid and in a gas. Write a brief description to explain your diagrams in the space below the boxes.



particles in a liquid

particles in a gas